

THIS REPORT CONTAINS ASSESSMENTS OF COMMODITY AND TRADE ISSUES MADE BY
USDA STAFF AND NOT NECESSARILY STATEMENTS OF OFFICIAL U.S. GOVERNMENT
POLICY

Voluntary _ Public

Date: 5/18/2011

GAIN Report Number: JA1032

Japan

Post: Tokyo

Japan Considering New Maximum Residue Limits (MRLs) for Acifluorfen and Other 6 Substances

Report Categories:

Sanitary/Phytosanitary/Food Safety

Approved By:

Jennifer Clever

Prepared By:

Suguru Sato

Report Highlights:

On May 13, 2011, the Government of Japan (GOJ) announced planned changes to the MRLs for Acifluorfen, Dithianon, Lactofen, Pendimethalin, Picolinafen, Levamisole and Mebendazole. The domestic public comment period ends on May 27, 2011. Soon after, GOJ will notify the new MRLs to the WTO/SPS committee which will be the last chance for interested parties submit comments.

General Information:

On May 13, 2011, the Government of Japan announced proposed changes to the Maximum Residue Limits (MRLs) for six pesticides (Acifluorfen, Dithianon, Lactofen, Pendimethalin and Picolinafen) and two veterinary drugs (Levamisole and Mebendazole). The domestic comment period deadline is Friday, May 27, 2011. Stakeholders interested in providing comments during this period are advised to submit their remarks directly to Japan's Ministry of Health Labor & Welfare (MHLW) as soon as possible. MHLW will also notify these proposed changes to the WTO/SPS committee, which will provide another chance for public comments submissions on this subject. Once notified, the actual WTO-SPS notifications can be found at the site below.

http://www.wto.org/english/tratop_e/sps_e/work_and_doc_e.htm

After the closing of a the WTO/SPS comment period, a final report will be made based on the conclusions of a session of the Pharmaceutical Affairs and Food Sanitation Council scheduled to be held at a later date; this will constitute the final decision.

Comments to GOJ can be submitted in either Japanese or English. The GOJ point of contact for these comments is indicated below. If you have comments, please send them directly to the Japanese Government at:

A. TEZUKA, Mr.
Standards and Evaluation Division,
Department of Food Safety,
Pharmaceutical and Food Safety Bureau,
Ministry of Health, Labour and Welfare
1-2-2, Chiyoda-ku, Kasumigaseki, Tokyo, 100-8916
Tel: 03-5253-1111, ext. 2487
Fax: 03-3501-4868
Email; tezuka-akiyoshi@mhlw.go.jp

Please also consider copying the U.S. Embassy, Tokyo at agtokyo@usda.gov on your comments in order for them to be considered as part of the official U.S. Government comments to the WTO.

ANNOUNCEMENT

Establishment of Maximum Residue Limits for Agricultural Chemicals in Food

Summary

The Ministry of Health, Labour and Welfare (MHLW) is going to develop compositional specifications for food.

Under the provisions of Article 11, Paragraph 1 of the Food Sanitation Law, the Minister of Health, Labour and Welfare is authorized to establish residue standards (maximum residue limits: MRLs) for pesticides, feed additives, and veterinary drugs (hereafter referred to as just

“agricultural chemicals”) that may remain in foods. Any food for which standards are established pursuant to the provisions is not permitted to be marketed in Japan unless it complies with the established standards.

On May 29, 2006, the MHLW introduced the positive list system for agricultural chemicals in food. Basically, all foods distributed in the Japanese marketplace are subject to regulation based on the system.

This time the MHLW has newly established MRLs (draft) for some food commodities as well as has comprehensively reviewed the current MRLs. This activity is targeted to five pesticides (Acifluorfen, Dithianon, Lactofen, Pendimethalin, and Picolinafen) and two veterinary drugs (Levamisole and Mebendazole). Details are given below.

Note: The positive list system was established based on the 2003 amendment of the Food Sanitation Law. The system aims to prohibit the distribution of any food in the Japanese marketplace if it contains agricultural chemicals at amounts exceeding a certain level (0.01 ppm) specified under the Law.

Outline of revision

Acifluorfen (herbicide): Not permitted for use in Japan.

The MHLW has reviewed the MRLs that had been established at the introduction of the positive list system.

Dithianon (fungicide): Permitted for use in Japan.

This time Ministry of Agriculture, Forestry and Fisheries (MAFF) is going to expand the scope of target crops for which the use of the chemical is permitted. In response to the MAFF's action, the MHLW has newly established MRLs (draft) for nectarine. Also the MHLW has set an import tolerance (draft) for the “other solanaceous vegetables” category in response to a request from a foreign country based on the Guideline for Application for Establishment and Revision of Maximum Residue Limits for Agricultural Chemicals Used outside Japan (Shokuan No. 0205001, 5 February 2004). In addition, the MHLW has reviewed the MRLs that had been established at the introduction of the positive list system.

Lactofen (herbicide): Not permitted for use in Japan.

The MHLW has reviewed the MRLs that had been established at the introduction of the positive list system.

Pendimethalin (herbicide): Permitted for use in Japan.

This time the MAFF is going to expand the scope of target crops for which the use of the chemical is permitted. In response to the MAFF's action, the MHLW has newly established MRLs (draft) for parsley, pumpkin, and the “fish and selffish” category. In addition, the MHLW has reviewed the MRLs that had been established at the introduction of the positive list system.

Picolinafen (herbicide): Not permitted for use in Japan.

The MHLW has reviewed the MRLs that had been established at the introduction of the positive list system.

Levamisole (parasiticide): Permitted for use in Japan.

The MHLW has reviewed the MRLs that had been established at the introduction of the positive list system.

Mebendazole (parasiticide): Not permitted for use in Japan.

The MHLW has reviewed the MRLs that had been established at the introduction of the positive list system.

Acifluorfen

Commodity	MRL (draft) ppm	MRL (current) ppm
Rice (brown rice)		0.1
Soybeans, dry	0.1	0.1
Beans, dry (including butter beans, cowbeans (red beans), lentil, lima beans, pedia, sultani, sultapya, and white beans.		0.1
Peas		0.1
Broad beans		0.1
Peanuts, dry	0.1	0.08
Other legumes/pulses		0.1
Peas, immature (with pods)	0.1	0.1
Kidney beans, immature (with pods)	0.1	0.1
Green soybeans	0.1	0.1
Other vegetables	0.1	0.1
Strawberry		0.05
Other spices		0.1
Other herbs		0.1
Cattle, muscle		0.01
Pig, muscle		0.01
Other terrestrial mammals, muscle		0.01
Cattle, fat		0.01
Pig, fat		0.01
Other terrestrial mammals, fat		0.01
Cattle, liver		0.06
Pig, liver		0.06
Other terrestrial mammals, liver		0.06
Cattle, kidney		0.06
Pig, kidney		0.06
Other terrestrial mammals, kidney		0.06
Cattle, edible offal (“Edible offal” refers to all edible parts, except muscle, fat, liver, and kidney)		0.1
Pig, edible offal		0.1

Other terrestrial mammals, edible offal		0.1
Milk		0.02
Chicken, muscle		0.02
Other poultry animals, muscle		0.02
Chicken, fat		0.02
Other poultry animals, fat		0.02
Chicken, liver		0.06
Other poultry animals, liver		0.06
Chicken, kidney		0.06
Other poultry animals, kidney		0.06
Chicken, edible offal		0.06
Other poultry animals, edible offal		0.06
Chicken, eggs		0.02
Other poultry, eggs		0.02

* Shaded figures indicate provisional MRLs.

* The uniform limit 0.01 ppm will be applied to commodities for which draft MRLs are not given in this table and to commodities not listed above.

* In the "Commodity" column, for the food categories to which the word "other" is added, refer to the Notes given in the last two pages of the Attachment.

Dithianon

Commodity	MRL (draft) ppm	MRL (Current) ppm
Japanese radish, roots (including radish)	0.05	0.1
Japanese radish, leaves (including radish)	0.3	0.5
Turnip, roots (including rutabaga)		0.1
Turnip, leaves (including rutabaga)		0.5
Horseradish		0.1
Watercress		0.5
Chinese cabbage	0.5	0.5
Cabbage		0.5
Brussels sprouts		0.5
Kale		0.5
<i>Komatsuna</i> (Japanese mustard spinach)		0.5
<i>Kyona</i>		0.5
Qing-geng-cai		0.5
Cauliflower		0.5
Broccoli		0.5
Other cruciferous vegetables		0.5
Burdock		0.1
Salsify		0.1
Artichoke		0.5
Chicory		0.5

Endive		0.5
<i>Shungiku</i>		0.5
Lettuce (including cos lettuce and leaf lettuce)		0.5
Other composite vegetables		0.5
Welsh (including leek)		0.5
<i>Nira</i>		0.5
Asparagus		0.5
Multiplying onion (including shallot)		0.5
Other liliaceous vegetables		0.5
Carrot		0.1
Parsnip		0.1
Parsley		0.5
Celery		0.5
<i>Mitsuba</i>		0.5
Other umbelliferous vegetables		0.5
Tomato	0.5	0.5
Pimiento (sweet pepper)		0.3
Egg plant		0.5
Other solanaceous vegetables	0.3	
Cucumber (including gherkin)	0.5	0.5
Pumpkin (including squash)		0.5
Oriental pickling melon (vegetable)		0.5
Water melon	0.2	0.2
Melons		0.2
<i>Makuwauri</i> melon		0.2
Other cucurbitaceous vegetables		0.5
Spinach		0.5
Bamboo shoots		0.1
Ginger		0.1
Other vegetables		0.5
<i>Unshu</i> orange, pulp	0.3	3
Citrus <i>natsudaikai</i> , whole	3	5
Lemon	5	5
Orange (including navel orange)	5	5
Grapefruit	5	5
Lime	5	5
Other citrus fruits	5	5
Apple	2	5
Japanese pear	5	5
Pear	5	5
Quince	5	5
Loquat	5	5
Peach	0.2	0.2

Nectarine	5	0.5
Apricot		0.5
Japanese plum (including prune)		0.5
Mume plum	0.5	0.5
Cherry	5	5
Strawberry	0.05	0.5
Raspberry		0.5
Blackberry		0.5
Blueberry		0.5
Cranberry		0.5
Huckleberry		0.5
Other berries		0.5
Grape	3	3
Japanese persimmon	0.5	0.5
Banana		0.5
Kiwifruit		0.2
Papaya		0.5
Avocado		0.5
Pineapple		2
Guava		0.5
Mango		0.5
Passion fruit		0.5
Date		0.5
Other fruits	0.3	0.5
Hop	100	100
Other spices	20	5
Other herbs		0.5

* Shaded figures indicate provisional MRLs.

* The uniform limit 0.01 ppm will be applied to commodities for which draft MRLs are not given in this table and to commodities not listed above.

* In the "Commodity" column, for the food categories to which the word "other" is added, refer to the Notes given in the last two pages of the Attachment.

Lactofen

Commodity	MRL (draft) ppm	MRL (current) ppm
Soybeans, dry	0.01	0.05
Peanuts, dry	0.01	0.01
Peas, immature (with pods)		0.05
Green soybeans		0.05
Other vegetables		0.05
Cotton seeds	0.01	0.01

Other spices		0.05
Other herbs		0.05

* Shaded figures indicate provisional MRLs.

* The uniform limit 0.01 ppm will be applied to commodities for which draft MRLs are not given in this table and to commodities not listed above.

* In the "Commodity" column, for the food categories to which the word "other" is added, refer to the Notes given in the last two pages of the Attachment.

Pendimethalin

Commodity	MRL (draft) ppm	MRL (current) ppm
Rice (brown rice)	0.2	0.2
Wheat	0.2	0.2
Barley	0.2	0.2
Rye	0.2	0.2
Corn (maize, including pop corn and sweet corn)	0.2	0.2
Buckwheat	0.1	0.1
Soybeans, dry	0.2	0.2
Beans, dry (including butter beans, cowbeans (red beans), lentil, lima beans, pegia, sultani, sultapya, and white beans.	0.05	0.05
Peas	0.1	0.1
Broad beans	0.1	0.1
Peanuts, dry	0.2	0.2
Other legumes/pulses	0.1	0.1
Potato	0.2	0.2
Taro	0.2	0.2
Sweet potato	0.05	0.05
Yam	0.2	0.2
Konjac	0.2	0.2
Other potatoes	0.05	0.05
Sugar beet	0.05	0.05
Sugarcane	0.1	0.1
Japanese radish, roots (including radish)	0.05	0.05
Japanese radish, leaves (including radish)	0.05	0.05
Turnip, roots (including rutabaga)	0.05	0.05
Turnip, leaves (including rutabaga)	0.05	0.05
Horseradish	0.05	0.05
Watercress	0.05	0.05
Chinese cabbage	0.2	0.2
Cabbage	0.2	0.2
Brussels sprouts	0.2	0.2
Kale	0.05	0.05
Komatsuna(Japanese mustard spinach)	0.05	0.05
Kyona	0.05	0.05

Qing-geng-cai	0.05	0.05
Cauliflower	0.05	0.05
Broccoli	0.05	0.05
Other cruciferous vegetables	0.05	0.05
Burdock		0.05
Salsify		0.05
Artichoke	0.05	0.05
Chicory	0.05	0.05
Endive	0.05	0.05
<i>Shungiku</i>	0.05	0.05
Lettuce (including cos lettuce and leaf lettuce)	0.2	0.2
Other composite vegetables	0.05	0.05
Onion	0.2	0.2
Welsh (including leek)	0.2	0.2
Garlic	0.2	0.2
<i>Nira</i>	0.05	0.05
Asparagus	0.05	0.05
Multiplying onion (including shallot)	0.05	0.05
Other liliaceous vegetables	0.05	0.05
Carrot	0.2	0.2
Parsnip		0.05
Parsley	0.2	
Other umbelliferous vegetables	0.2	0.2
Tomato	0.05	0.05
Egg plant	0.05	0.05
Other solanaceous vegetables	0.05	0.05
Pumpkin (including squash)	0.1	
Water melon		0.1
Melons		0.1
<i>Makuwauri</i> melon		0.1
Other cucurbitaceous vegetables		0.05
Spinach		0.05
Peas, immature (with pods)	0.05	0.05
Kidney beans, immature (with pods)	0.05	0.05
Green soybeans	0.2	0.2
Other vegetables	0.1	0.08
<i>Unshu</i> orange, pulp	0.05	0.05
Citrus <i>natsudaïdai</i> , whole	0.05	0.05
Lemon	0.05	0.05
Orange (including navel orange)	0.05	0.05
Grapefruit	0.05	0.05
Lime	0.05	0.05
Other citrus fruits	0.05	0.05
Apple	0.1	0.1
Japanese pear	0.1	0.1

Pear	0.1	0.1
Quince	0.05	0.05
Loquat	0.05	0.05
Peach	0.05	0.05
Nectarine	0.05	0.05
Apricot	0.05	0.05
Japanese plum (including prune)	0.05	0.05
Mume plum	0.05	0.05
Cherry	0.05	0.05
Strawberry	0.05	0.05
Raspberry	0.05	0.05
Blackberry	0.05	0.05
Blueberry	0.05	0.05
Cranberry	0.05	0.05
Huckleberry	0.05	0.05
Other berries	0.05	0.05
Grape	0.1	0.1
Japanese persimmon	0.05	0.05
Banana	0.05	0.05
Kiwifruit	0.05	0.05
Papaya	0.05	0.05
Avocado	0.05	0.05
Pineapple	0.05	0.05
Guava	0.05	0.05
Mango	0.05	0.05
Passion fruit	0.05	0.05
Date	0.05	0.05
Other fruits		0.1
Sunflower seeds	0.1	0.1
Sesame seeds	0.05	0.05
Safflower seeds	0.05	0.05
Cotton seeds	0.1	0.1
Rapeseeds	0.05	0.05
Other oil seeds	0.05	0.05
Ginkgo nut	0.05	0.05
Chestnut	0.05	0.05
Pecan	0.05	0.05
Almond	0.05	0.05
Walnut	0.05	0.05
Other nuts	0.05	0.05
Other spices		0.2
Other herbs		0.2
Cattle, muscle		0.01
Pig, muscle		0.01
Other terrestrial mammals, muscle		0.01
Cattle, fat		0.01

Pig, fat		0.01
Other terrestrial mammals, fat		0.01
Cattle, liver		0.01
Pig, liver		0.01
Other terrestrial mammals, liver		0.01
Cattle, kidney		0.01
Pig, kidney		0.01
Other terrestrial mammals, kidney		0.01
Cattle, edible offal ("Edible offal" refers to all edible parts, except muscle, fat, liver, and kidney)		0.01
Pig, edible offal		0.01
Other terrestrial mammals, edible offal		0.01
Milk		0.01
Chicken, muscle		0.01
Other poultry animals, muscle		0.01
Chicken, fat		0.01
Other poultry animals, fat		0.01
Chicken, liver		0.01
Other poultry animals, liver		0.01
Chicken, kidney		0.01
Other poultry animals, kidney		0.01
Chicken, edible offal		0.01
Other poultry animals, edible offal		0.01
Chicken, eggs		0.01
Other poultry, eggs		0.01
Fish and shellfish	0.3	
Mineral waters (natural mineral waters and bottled/package drinking waters)	0.02	0.02

* Shaded figures indicate provisional MRLs.

* The uniform limit 0.01 ppm will be applied to commodities for which draft MRLs are not given in this table and to commodities not listed above.

* In the "Commodity" column, for the food categories to which the word "other" is added, refer to the Notes given in the last two pages of the Attachment.

Picolinafen

Commodity	MRL (draft) ppm	MRL (current) ppm
Rice (brown rice)		0.02
Wheat	0.05	0.04
Barley	0.05	0.04
Rye	0.02	0.02
Corn (maize, including pop corn and sweet corn)	0.02	0.02

Buckwheat	0.02	0.02
Other cereal grains	0.02	0.02
Peas	0.02	0.02
Other legumes/pulses		0.02
Other spices		0.02
Cattle, muscle		0.02
Pig, muscle		0.02
Other terrestrial mammals, muscle		0.02
Cattle, fat		0.02
Pig, fat		0.02
Other terrestrial mammals, fat		0.02
Cattle, liver		0.05
Pig, liver		0.05
Other terrestrial mammals, liver		0.05
Cattle, kidney		0.05
Pig, kidney		0.05
Other terrestrial mammals, kidney		0.05
Cattle, edible offal ("Edible offal" refers to all edible parts, except muscle, fat, liver, and kidney)		0.05
Pig, edible offal		0.05
Other terrestrial mammals, edible offal		0.05
Milk		0.01
Chicken, muscle		0.02
Other poultry animals, muscle		0.02
Chicken, fat		0.02
Other poultry animals, fat		0.02
Chicken, liver		0.02
Other poultry animals, liver		0.02
Chicken, kidney		0.02
Other poultry animals, kidney		0.02
Chicken, edible offal		0.02
Other poultry animals, edible offal		0.02
Chicken, eggs		0.01
Other poultry, eggs		0.01

* Shaded figures indicate provisional MRLs.

* The uniform limit 0.01 ppm will be applied to commodities for which draft MRLs are not given in this table and to commodities not listed above.

* In the "Commodity" column, for the food categories to which the word "other" is added, refer to the Notes given in the last two pages of the Attachment.

Levamisole

	MRL	MRL
--	-----	-----

Commodity	(draft) ppm	(current) ppm
Cattle, muscle	0.01	0.01
Pig, muscle	0.01	0.01
Sheep, muscle	0.01	0.01
Other terrestrial mammals, muscle	0.01	0.06
Cattle, fat	0.01	0.01
Pig, fat	0.01	0.01
Sheep, fat	0.01	0.01
Other terrestrial mammals, fat	0.01	0.01
Cattle, liver	0.1	0.10
Pig, liver	0.1	0.10
Sheep, liver	0.1	0.10
Other terrestrial mammals, liver	0.1	0.6
Cattle, kidney	0.01	0.01
Pig, kidney	0.01	0.01
Sheep, kidney	0.01	0.01
Other terrestrial mammals, kidney	0.01	0.5
Cattle, edible offal (“Edible offal” refers to all edible parts, except muscle, fat, liver, and kidney)	0.1	0.3
Pig, edible offal	0.1	0.3
Sheep, edible offal	0.1	0.3
Other terrestrial mammals, edible offal	0.1	0.5
Milk		0.3
Chicken, muscle	0.01	0.01
Duck, muscle	0.01	0.01
Turkey, muscle	0.01	0.01
Other poultry animals, muscle	0.01	0.01
Chicken, fat	0.01	0.01
Duck, fat	0.01	0.01
Turkey, fat	0.01	0.01
Other poultry animals, fat	0.01	0.01
Chicken, liver	0.1	0.10
Duck, liver	0.1	0.10
Turkey, liver	0.1	0.10
Other poultry animals, liver	0.1	0.1
Chicken, kidney	0.01	0.01
Duck, kidney	0.01	0.01
Turkey, kidney	0.01	0.01
Other poultry animals, kidney	0.01	0.01
Chicken, edible offal	0.1	0.06
Other poultry animals, edible offal	0.1	0.06
Chicken, eggs		1
Other poultry, eggs		1

* Shaded figures indicate provisional MRLs.

* The uniform limit 0.01 ppm will be applied to commodities for which draft MRLs are not given in this table and to commodities not listed above.

* In the "Commodity" column, for the food categories to which the word "other" is added, refer to the Notes given in the last two pages of the Attachment.

Mebendazole

Commodity	MRL (draft) ppm	MRL (current) ppm
Cattle, muscle		0.02
Pig, muscle		0.02
Other terrestrial mammals, muscle		0.04
Cattle, fat		0.02
Pig, fat		0.02
Other terrestrial mammals, fat		0.06
Cattle, liver		0.02
Pig, liver		0.02
Other terrestrial mammals, liver		0.2
Cattle, kidney		0.02
Pig, kidney		0.02
Other terrestrial mammals, kidney		0.04
Cattle, edible offal ("Edible offal" refers to all edible parts, except muscle, fat, liver, and kidney)		0.02
Pig, edible offal		0.02
Other terrestrial mammals, edible offal		0.02
Milk		0.02
Chicken, muscle		0.02
Other poultry animals, muscle		0.02
Chicken, fat		0.02
Other poultry animals, fat		0.02
Chicken, liver		0.02
Other poultry animals, liver		0.02
Chicken, kidney		0.02
Other poultry animals, kidney		0.02
Chicken, edible offal		0.02
Other poultry animals, edible offal		0.02
Chicken, eggs		0.02
Other poultry, eggs		0.02
Salmoniformes (such as salmon and trout)		0.02
Anguilliformes (such as eel)		0.02
Perciformes (such as bonito, horse mackerel, mackerel, sea bass, sea bream and tuna)		0.02
Other fish		0.02

Shelled molluscas		0.02
Crustaceans		0.02
Other aquatic animals		0.02
Honey (including royal-jelly)		0.02

The MRLs are established as the sum of mebendazole and its metabolites, methyl (5-(1-hydroxy, 1-phenyl)methyl-1H-benzimidazol)carbamate and (2-amino-1H-benzimidazol-5-yl)phenylmethanone, expressed as mebendazole equivalents.

* Shaded figures indicate provisional MRLs.

* The uniform limit 0.01 ppm will be applied to commodities for which draft MRLs are not given in this table and to commodities not listed above.

* In the "Commodity" column, for the food categories to which the word *other* is added, refer to the Notes given in the last two pages of the Attachment.

Notes:

"Other cereal grains" refers to all cereal grains, except rice (brown rice), wheat, barley, rye, corn (maize), and buckwheat.

"Other legumes/pulses" refers to all legumes/pulses, except soybeans (dry), beans (dry), peas, broad beans, peanuts (dry), and spices.

"Other potatoes" refers to all potatoes, except potato, taro, sweet potato, yam, and konjac.

"Other cruciferous vegetables" refers to all cruciferous vegetables, except Japanese radish roots and leaves (including radish), turnip roots and leaves, horseradish, watercress, Chinese cabbage, brussels sprouts, kale, *komatsuna* (Japanese mustard spinach), *kyona*, qing-geng-cai, cauliflower, broccoli, and herbs.

"Other composite vegetables" refers to all composite vegetables, except burdock, salsify, artichoke, chicory, endive, *shungiku*, lettuce (including cos lettuce and leaf lettuce), and herbs.

"Other liliaceous vegetables" refers to all liliaceous vegetables, except onion, welsh (including leek), garlic, *nira*, asparagus, multiplying onion, and herbs.

"Other umbelliferous vegetables" refers to all umbelliferous vegetables, except carrot, parsnip, parsley, celery, *mitsuba*, spices, and herbs.

"Other solanaceous vegetables" refers to all solanaceous vegetables, except tomato, pimienta (sweet pepper), and egg plant.

"Other cucurbitaceous vegetables" refers to all cucurbitaceous vegetables, except cucumber (including gherkin), pumpkin (including squash), oriental pickling melon (vegetable), watermelon, melons, and *makuwauri* melon.

"Other mushrooms" refers to all mushrooms, except button mushroom, and *shiitake* mushroom.

“Other vegetables” refers to all vegetables, except potatoes, sugar beet, sugarcane, cruciferous vegetables, composite vegetables, liliaceous vegetables, umbelliferous vegetables, solanaceous vegetables, cucurbitaceous vegetables, spinach, bamboo shoots, okra, ginger, peas (with pods, immature), kidney beans (with pods, immature), green soybeans, mushrooms, spices, and herbs.

“Other citrus fruits” refers to all citrus fruits, except *unshu* orange (pulp), citrus *natsudaikai* (pulp), citrus *natsudaikai* (peel), citrus *natsudaikai* (whole), lemon, orange (including navel orange), grapefruit, lime, and spices.

“Other berries” refers to all berries, except strawberry, raspberry, blackberry, blueberry, cranberry, and huckleberry.

“Other fruits” refers to all fruits, except citrus fruits, apple, Japanese pear, pear, quince, loquat, peach, nectarine, apricot, Japanese plum (including prune), mume plum, cherry, berries, grape, Japanese persimmon, banana, kiwifruit, papaya, avocado, pineapple, guava, mango, passion fruit, date and spices.

“Other oil seeds” refers to all oil seeds, except sunflower seeds, sesame seeds, safflower seeds, cotton seeds, rapeseeds and spices.

“Other nuts” refers to all nuts, except ginkgo nut, chestnut, pecan, almond and walnut.

“Other spices” refers to all spices, except horseradish, *wasabi* (Japanese horseradish) rhizomes, garlic, peppers chili, paprika, ginger, lemon peels, orange peels (including navel orange), *yuzu* (Chinese citron) peels and sesame seeds.

“Other herbs” refers to all herbs, except watercress, *nira*, parsley stems and leaves, celery stems and leaves.

“Other terrestrial mammals” refers to all terrestrial mammals, except cattle and pig.

“Other poultry animals” refers to all poultry, except chicken.

“Other fish” refers to all fish, except salmoniformes, anguilliformes, and perciformes.

“Other aquatic animals” refers to all aquatic animal, except fish, shelled molluscs and crustaceans.